

20030108.qrp v02_n794.qrl.20030108

Date: Wed, 8 Jan 2003 19:03:05 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2794

QRP-L Digest 2794

Topics covered in this issue include:

- 1) [144273] QRP+ Problem : Low/ No Power Output - RESOLVED
by Tim Pettibone <k5oi@cox.net>
- 2) [144274] Re: Vertical Antenna Question
by "John J. McDonough" <wb8rcr@arrl.net>
- 3) [144275] Fwd: Altoids Stove
by Ted Kell <tedkell@ev1.net>
- 4) [144276] Parts for sale
by "brian" <brian@iquest.net>
- 5) [144277] Troubleshooting audio problems with homebrew receiver
by k4vib@att.net
- 6) [144278] Most Expensive Ham License :-)
by JD Delancy <W1JD@drix.net>
- 7) [144279] FYI: links to electrolytic capacitor failure articles
by Jeff Furman <jfurman@ocs.net>
- 8) [144280] Re: Most Expensive Ham License :-)
by Michael McCarty <k6mmc.qrp@thehunted.net>
- 9) [144281] Re: Most Expensive Ham License :-)
by Paul Womble <pwomble1@tampabay.rr.com>
- 10) [144282] WTD:Jersey Fireball 40 "kit"....Pixe (1) "Kit"....Norcal 38 Special
"kit".....Norcal 49'er "kit"
by "Andy GM0NWI" <gm0nwiqrp@btopenworld.com>
- 11) [144283] Re: The Demise of N5FC
by "Prof. Arnaldo Coro Antich" <inforhc@ip.etecsa.cu>
- 12) [144284] Re: Most Expensive Ham License :-)
by JD Delancy <W1JD@drix.net>
- 13) [144285] Re: Most Expensive Ham License :-)
by "Rob Matherly" <w0jrm@arrl.net>
- 14) [144286] FOR SALE--Ten Tec OMNI VI+
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 15) [144287] Re: Most Expensive Ham License :-)
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 16) [144288] QRP Contest Calendar 2003 Last Call
by "Ron Polityka" <wb3aal@fast.net>
- 17) [144289] Kenwood TS-940S Question
by "Ron Polityka" <wb3aal@fast.net>
- 18) [144290] UNSUBSCRIBE
by "William Nichols" <william.nichols@epa.state.oh.us>

- 19) [144291] Heath QRP wattmeter (HM9???)
by brewerj@squared.com
- 20) [144292] Re: Heath QRP wattmeter (HM9???)
by W2AGN <w2agn@w2agn.net>
- 21) [144293] Re: Heath QRP wattmeter (HM9???)
by William R Colbert <w5xe@juno.com>
- 22) [144294] F.S. FT690RII 6 meter QRP transceiver
by "Joe W2KJ" <w2kj@bellsouth.net>
- 23) [144295] ZB2FK 28010
by "George Osier" <gosier@twcnny.rr.com>
- 24) [144296] Olimex PCBs - Any experience?
by Patrick Gardella <pgardella@yahoo.com>
- 25) [144297] Re: Olimex PCBs - Any experience?
by "Tim, N9PUZ" <n9puz@arrl.net>
- 26) [144298] Re: Heath QRP wattmeter (HM9???)
by "John J. McDonough" <wb8rcr@arrl.net>
- 27) [144299] Type 7 cores
by KD5NWA <KD5NWA@cbayona.com>
- 28) [144300] Re: Type 7 cores
by David Hinerman <WD8CIV@worldnet.att.net>
- 29) [144301] Gell Cell Questions
by Michael Babineau <michael.babineau@sympatico.ca>
- 30) [144302] Re: Gell Cell Questions
by Brian Mileschosky <n5zgt@swcp.com>
- 31) [144303] Re: Type 7 cores
by "w8diz" <w8diz@fpqrp.com>
- 32) [144304] Flyback xformers
by Scott Gregson <emtech@steadynet.com>
- 33) [144305] Re: Heath QRP wattmeter (HM9???)
by "Karl F. Larsen" <k5di@zianet.com>
- 34) [144306] January Spartan Sprint Results
by "John Huffman" <hjohnc@core.com>
- 35) [144307] test - do not read
by "Dave Sjolín" <sjolin@swbell.net>
- 36) [144308] Re: Type 7 cores
by "w8diz" <w8diz@fpqrp.com>
- 37) [144309] FOX: Solar numbers
by "Karl F. Larsen" <k5di@zianet.com>
- 38) [144310] FOX: N3BJ Tomorrow Nite
by "Alan Fryer" <N3BJ@hotmail.com>
- 39) [144311] RE: Type 7 cores
by "N4LGH" <n4lgh@waveguide.us>
- 40) [144312] D88S
by "Pastor-kc1di" <elbc2@gwi.net>
- 41) [144313] Re: Heath QRP wattmeter (HM9???)
by William R Colbert <w5xe@juno.com>
- 42) [144314] RE: Type 7 cores
by Nick Kennedy <nkennedy@tcainternet.com>

Date: Tue, 07 Jan 2003 18:01:28 -0600
From: Tim Pettibone <k5oi@cox.net>
To: <qrp-l@Lehigh.EDU>
Subject: [144273] QRP+ Problem : Low/ No Power Output - RESOLVED
Message-ID: <5.1.0.14.0.20030107174949.009f4c10@pop.central.cox.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Boy that episode brings back memories. In high school (many, many years ago) I worked at A-1 (maybe it was ACE) Radio and TV in Portland Oregon. I swept up the shop, and made incidental pickups and deliveries. One of my bosses was Phil Blank, brother of Mel Blank, the voice of Bugs Bunny, etc. He called me into his office and asked me to go over to Vancouver Washington and find out why a newly delivered tv wasn't working in the home of an elderly couple. After the man of the house described the problem, I walked over to the back of the tv and plugged the power cord into the wall - what a genius I am!

Obligatory QRP - got my 20m MFJ folded dipole installed in the attic and it's dedicated to PSK31 (using the PSK20). Works like gangbusters. Also put up a 44' dipole fed with 450 ohm liine attached to an LDG 4:1 balun and coax to the LDG AT-11MP tuner. It also works out very well - at least better than the 32' foot wire down the hallway. Now that only took me 18 months! Anybody have the resistor mod to lower the rf required to trip the AT-11MP relay?

72
Tim K5OI
Stillwater, OK

Date: Tue, 7 Jan 2003 19:18:31 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <dpayton@fwi.com>
Subject: [144274] Re: Vertical Antenna Question
Message-ID: <003f01c2b6ac\$1d854aa0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Denny

I have some theories, supported in some of the literature, but also refuted by some of the literature. But in quite a bit of QRP operation using a vertical, it seems to be defensible.

First, manmade noise tends to be vertically polarized, so a vertical antenna is better at receiving the noise than a horizontally polarized antenna. (This seems to be generally accepted).

On the other hand, your vertically polarized transmitted wave does a poorer job of coupling with the ground (and thus spending your power heating it) than a horizontally polarized wave. (I have also seen one author claim the opposite).

The net result is that you are heard better than you can hear. For QRP, this tends to make for relatively less frustrating operation, although you may actually have better results with an antenna that hears better.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----

From: "Dennis Payton" <dpayton@fwi.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, January 07, 2003 12:21 AM

Subject: Re: Vertical Antenna Question

> I had several responses to this question but most people thought my problem
> was noise. Several also mentioned feedline problems, antenna not resonant,
> etc. I discount any problem with my antenna or feedline because I'd expect
> it to also show up on transmit. When someone in Europe answers my call on
> forty meters and I'm using one watt or less from here in the midwest,
> doesn't that indicate things are working pretty well? Also, I've replaced
> coax & connectors due to age since I've had this antenna. Frequently when
I
> call CQ and a DX station answers me, I struggle to hear him, not because
of
> noise in my opinion, but because of QSB.
>
> On twenty meters, one of my favorite rigs is Rick Campbell's "High
> Performance QRP Transceiver" that I built from QST. It uses the miniR2
board
> and reception is usually crisp & quiet. Still, when I call CQ, I
frequently

> have problems hearing the responding station. I sometimes have resorted to
> trying a Radio Shack speaker amp to get the volume up, but it seldom helps
> because of the signal-to-noise ratio.
>
> Maybe it's theoretically impossible for someone's signal to have more
> difficulty getting to my receiver than for mine to get to his, I don't
know,
> but I would say that I'm positively experiencing it. I guess I'm going to
> have to do some experimenting with wire and other verticals when I have
some
> time. In the mean time, maybe I'll try the receiving antenna that was
> mentioned in the digest tonight.
>
> Denny Payton, N9JXY
> Auburn, IN
>
>
> On Friday, January 03, 2003 2:12 PM, Dennis Payton [SMTP:dpayton@fwi.com]
> wrote:
> > Since becoming a ham about twelve years ago, I've almost exclusively
used
> > vertical antennas, and most of that time it's been a Cushcraft R7. It
> wasn't
> > long though, until I discovered I was having trouble hearing people. At
> > first I blamed it on my rig, but after owning several rigs, then getting
> > into QRP and building a gazillion QRP rigs, I've decided the problem is
> my
> > antenna.
> >
> > I almost always call CQ to initiate contacts, and usually I barely can
> hear
> > the fellow who answers me, whether he's QRP or QRO. It's embarrassing to
> > give a fellow operating 100 watts or more a worse report than he gives
my
> > 1/2 or 1 watt and sometimes someone is actually offended. During QRP
> > contests I've discovered I can't call CQ because most people who answer
> me
> > aren't copiable. I do hear plenty of loud signals on the band, and they
> hear
> > me if I call them, but usually the people who answer CQ's are ones I can
> > barely hear.
> >
> > Although I can't have a tower here, and I can't do much with wires, it
> seems
> > to me that I need some sort of receiving antenna. I'm getting tired of
> > telling some QRO guy that my 1/2 watt Micromountaineer, or Rock-Mite, or
> K2
> > for that matter, is having trouble hearing him.

> >
> > Does anybody have any advice?
> >
> > Thanks,
> >
> > Denny Payton, N9JXY
> > Auburn, IN
> >
>
>
>
>

Date: Tue, 07 Jan 2003 18:46:39 -0600
From: Ted Kell <tedkell@ev1.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [144275] Fwd: Altoids Stove
Message-ID: <2X44354LK84QKRQB97NUSNLS87TP.3e1b74ef@default>
MIME-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"

I saw this today on another list. This is yet another use for the Altoids tins.

N3Ted

----- Start of forwarded message -----
From: "KELL, TED (JSC-MV) (LM)" <ted.kell1@jsc.nasa.gov>
To: t Home\" Kell (E-mail)" <tedkell@ev1.net>
Subject: Fwd: Altoids Stove
Date: 1/7/03 3:36:56 PM

"Dryer Altoids Stove"

ALCOHOL ONLY!!!

Actually you can make these out of any mint tin of any size. I like the little half size tins since they are about the size of an Esbit tab and fit on and in the Esbit stoves when folded.

1. Start with an Altoids tin.

2. On a piece of aluminum window screen, trace out the shape of the lower part of the tin on the screen and cut out the rectangle with sissors.

3. Sift out some perlite to get the larger chunks.

A lifetime supply of perlite can be had at any garden center for a couple of bucks.

4. Fill the altoids tin with perlite a little "proud"...it will crunch down with the next step.

5. Place the window screen rectangle over the perlite and poke the window

screen edges under the rolled edge of the tin to retain the perlite.
Your stove is finished.

6. Optional.....I remove the lid to the tin so it will fit neatly in an esbit stove. Also makes the stove lighter.

You can also leave the lid on and use it as a wind screen if you're cooking off the ground.

Make sure all fuel is consumed before closing the lid.

I use a little plastic spring water bottle as my fuel bottle and find 3 capfulls burns plenty long for most meals.
Also for shorter trips, a 4 oz. nose spray bottle with the internal straw removed makes a good fuel bottle. You can squirt fuel right into the stove....un-lit, of course! You can even fill the stove to the brim and be ok. To simmer simply cover part of the screen with a bit of aluminum foil.

Principle of operation: Alcohol 'wicks' up into the perlite for initial lighting. As the perlite/stove heats, alcohol reaches vapor pressure and accelerates through the screen to the flame. Looks like an esbit tab on steroids when burning and if used in an esbit stove, the height is perfect.
Good luck. Feedback appreciated.

Paul Dryer, Texas

----- End of forwarded message -----

Date: Tue, 7 Jan 2003 20:10:16 -0500
From: "brian" <brian@iquest.net>
To: "QRPP-1" <QRPP-I@yahooogroups.com>,
"Flying Pigs" <fpqrp-1@fpqrp.com>, "QRP-L" <qrp-1@Lehigh.EDU>
Subject: [144276] Parts for sale
Message-ID: <010b01c2b6b2\$b557a890\$e8652bd1@bmurrey2K>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Junkbox Surplus Parts for Sale as of 01/07/2003

=====

NEW ITEMS

I have 700 excess pcs of 5.000 Mhz crystals. These are the miniture

crystals like you see in the latest QRP Quarterly. Tiny round crystals with two wire leads, I think I've seen these in watches. If we ever get 60m these could be a lot of fun. Make your own WWV receiver.

I'm asking 100 for \$6.00 or 50 for \$4.00 shipped to the USA.

I have 800 pcs of 102J (1000pf) Shinyei ceramic caps rated at 630 VDC. These are in bags of 200.

These are all extras to me, I don't need them.

I'd take \$20.00 for the whole pile, including shipping USA shipping. Or \$5.50 for 200 including USA shipping.

I also have surplus 50K 1 Turn linear taper pots, about 40 each. These are chassis mount pots with the nut. About the size of a nickle, and about 1/2 inch deep with a 1/4 inch shaft about 1/2 inch long.

5 for \$5.00 including USA shipping.

285pf Green Square Plastic Cap, PC Board Insertion 10%
100 for \$4.00

Odd Items

=====

9.8304 Mhz Crystals, 1/4 in tall - 20 for \$5.00
27mH inductors with radial leads - 25 for \$3.50

Caps - All new, old stock. No pulls.

=====

All caps now 50/\$3 or 100/\$5

=====

8pf NPO Ceramic - Loose
11pf NPO Ceramic - Loose
12pf NPO ceramics on tape
22pf Kemet Ceramic Caps, 200v, 10%
150pf ceramics, 100v, 10%
470pf Ceramics on paper tape, rated 5% (NPO)
560pf Kemet Ceramic Caps, 200v, 10%
1000pf blue mono caps, 10% 100v
3300pf Kemet Ceramic Caps, 100v, 10%
.01 uF ceramic caps, 10% 100v brand new by Kyocera
and
.01 uF ceramic caps, 20% 50v, new old stock, not used
50/2.50 100/\$4

Voltage Regulators

=====

L7805ACV voltage regulators T0220 case. 10/\$5 or 15/\$7 100/\$30
LM7812 voltage regulators. T0220 case. 5/\$4
LM317T Adjust. Positive Voltage Regulator T0220. 10/\$5.00 or 15/\$7.00

Transistors - New Parts - No Pulls

=====

TP2222 plastic T092 NPN (House brand 2N2222) 50/\$4 100/\$7
2N3904's plastic T092. NPN - 50/\$4 100/\$7
2N3704's plastic T092, NPN - 50/\$4

Op AMPS, Comparators

=====

LM386N-1 - Audio Amps 5 for \$2.25

LM741CN - Single Op Amp, 8 Pin Dip, 6 for \$2.00

<http://www.hep.ph.ic.ac.uk/~hallg/Instrumentation/Data/LM741.pdf>

Diodes

=====

1N4148 - You always need these. 100 for \$2.50

Need Toroids?? See Diz at <http://www.kitsandparts.com>

Let me know if you're interested. All prices are post paid to the USA, unless otherwise noted. I will ship to non USA addresses but we need to discuss the shipping charges first.

Date: Wed, 08 Jan 2003 01:54:57 +0000

From: k4vib@att.net

To: qrp-1@Lehigh.EDU

Subject: [144277] Troubleshooting audio problems with homebrew receiver

Message-ID: <20030108015457.SMWM9286.mtiwmhc11.worldnet.att.net@mtiwebc37>

I've built a homebrew 20m receiver. It uses the SA602AN as a first mixer and BFO. Following the first mixer I have a 2N2222 in an emitter follower configuration as an amp then onto the 3 crystal 4.9159Mhz xtal filter terminated with a 220ohm resistor at the BFO. Normal signals pose no problem but strong signals are accompanied by a hissing distortion. It almost sounds like digital clipping....harsh sounding.

The audio section consist of a NE5532 opamp lowpass filter then onto a LM386

final. I use the differential outputs of the BFO into the differential inputs of the NE5532. That section is just like the SWxx+ receiver. Does this sound like filter blow-by? Not sure where to start troubleshooting...at the RF section or the audio section.

Any advice where to start?

Bill
K4VIB

Date: Tue, 07 Jan 2003 21:02:35 -0500
From: JD Delancy <W1JD@drix.net>
To: qrp-1@Lehigh.EDU, K3SMD <k3smd@mailman.qth.net>, SMARC <smarc@mailman.qth.net>,
Cc: W9JJ <w9jj@arrl.org>
Subject: [144278] Most Expensive Ham License :-)
Message-ID: <3E1B86BB.80801@drix.net>
MIME-version: 1.0
Content-type: text/plain; charset=windows-1252; format=flowed
Content-transfer-encoding: 7BIT

Riley Hollinsworth talked at a local radio club the other night. I asked him about felons holding ham licenses (ref the discussions about N6NHG/Kevin Mitlick the notorious computer hacker and K9QVL/Bob Hanssen the FBI agent now convicted spy).

Riley said: "Well, regarding Mitnick, that was handled by the Hearings folk in DC and the Judge was Sipel, who's one of the best. I think the reasoning was probably that he served his time, has done nothing wrong since. And since there is no prohibition against felons holding a license, there wasn't much choice.

re Hanssen, you will be hearing more about that--he was not an active Amateur, but based on talks last week we probably will take the license. Also, he won't be using radio where he's living!!!"

Date: Tue, 7 Jan 2003 18:55:59 -0800 (PST)
From: Jeff Furman <jfurman@ocs.net>
To: qrp-1@lehigh.edu

Subject: [144279] FYI: links to electrolytic capacitor failure articles
Message-ID: <Pine.LNX.4.21.0301071848530.30398-100000@ocsinc.ocs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I would be wary of buying recently manufactured consumer electronics,
pc's and surplus bags of capacitors based on information in these
articles:

[http://www.e-insite.net/electronicnews/index.asp?
layout=article&articleid=CA255062&pubdate=10/28/2002](http://www.e-insite.net/electronicnews/index.asp?layout=article&articleid=CA255062&pubdate=10/28/2002)
<http://www.e-insite.net/electronicnews/index.asp?layout=article&articleId=CA253856>
<http://www.niccomp.com/taiwanlowesr.htm>

73, Jeff AD6MX

Date: Tue, 07 Jan 2003 21:10:13 -0800
From: Michael McCarty <k6mmc.qrp@thehunted.net>
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>
Subject: [144280] Re: Most Expensive Ham License :-)
Message-ID: <5.2.0.9.0.20030107210648.00b46118@localhost>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I'm sure there's a 2003 Bad Boys of Ham Radio Calendar out there somewhere.

At 06:02 PM 1/7/2003, JD Delancy wrote:

>Riley Hollinsworth talked at a local radio club the other night. I asked
>him about
>felons holding ham licenses (ref the discussions about N6NHG/Kevin Mitlick
>the notorious computer hacker and K9QVL/Bob Hanssen the FBI agent now
>convicted spy).
>
>Riley said: "Well, regarding Mitnick, that was handled by the Hearings
>folk in DC
>and the Judge was Sipel, who's one of the best. I think the reasoning was
>probably
>that he served his time, has done nothing wrong since. And since there is no
>prohibition against felons holding a license, there wasn't much choice.
>
>re Hanssen, you will be hearing more about that--he was not an active
>Amateur, but
>based on talks last week we probably will take the license. Also, he won't be

>using radio where he's living!!!"

Date: Wed, 08 Jan 2003 00:17:51 -0500
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144281] Re: Most Expensive Ham License :-)
Message-ID: <3E1BB47F.6D100968@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I'd prefer the Bad Girls of Ham Radio.

K4FB

Michael McCarty wrote:

> I'm sure there's a 2003 Bad Boys of Ham Radio Calendar out there somewhere.
>

Date: Wed, 8 Jan 2003 05:44:42 -0000
From: "Andy GM0NWI" <gm0nwiqrp@btopenworld.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144282] WTD:Jersey Fireball 40 "kit"....Pixe (1) "Kit"....Norcal 38
Special "kit".....Norcal 49'er "kit"
Message-ID: <005b01c2b6d9\$0bf8fa20\$055bfea9@GM0NWI LAPTOP>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guy's

Just wanted to "post" this again to see if anyone can help me out again.....

I have been a lot successful in obtaining some other real cool "QRPP" kits
in the last few weeks.....

But wondered if there was still anyone out there that might still like to
part with some of the above "kits"....

I already have a "Jersey Fireball 40 Amp" kit, and a "Tuna Tin 2" kit, with I think a "Pixie 2" and some other kits on their way....but I would still be interested in "doing a deal" with anyone that thinks me "worthy" of new ownership of their respective kits.....(a Rock-Mite 20/40 would be FANTASTIC.....but s'ppose that's asking too much...!?)

I would be willing to pay the price of the "kits" originally if that was your wish.....

I realise that SOME of the diagrams for these kits are available on the "web" but for me, at this stage of things, I know it would be better to try and obtain a full "unbuilt" kit, if I could (cuts down on a "newbies" mistakes and "stupid" questions being sent to the list....!!! Tryin' to help here guys...!)

You've all been wonderful, beyond my dreams and expectations to me over the last few years.....and I thank you for your support.....lets hope it continues (if I can keep my nose clean.....or the tyres on my wheelchair...!!!!)

Happy New Year Everyone...

" Greetings From Bonnie Scotland..."

gm0nwiqrp@btopenworld.com

72's, 73's

"..Badda-Bing..Badda-Boom.."

Andy

A.R.S.

"..It is vain to do with more....

"A Dis-Orientated Kiwi...

GM0NWI QRP

what can be done with less..."

In The Northern Hemisphere..."

GQRP No.9576

QRP-L No.2165

Alaskan QRP Club No.190

ICQ No.31899603

Date: Tue, 7 Jan 2003 18:38:14 -0400

From: "Prof. Arnaldo Coro Antich" <inforhc@ip.etecsa.cu>

To: <n5fc@io.com>

Cc: <qrp-L@Lehigh.EDU>

Subject: [144283] Re: The Demise of N5FC
Message-ID: <01f701c2b6d0\$41790c20\$02000a0a@user>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Dear amigo Monty now N5ESE
I went through all that process many years ago... when I requested the change from C02DL to C02KK...
Looking backwards it was a very good decision, as KK is easily remembered , has a tremendous SSB peak in phonetics KIL0 ... KIL0 , and in Spanish no one will forget it, but well, that's another story that will make those that know Spanish here in QRP-L to start laughing !!!!
Tested your N5ESE, both on my straight key , a J38 , and with the nice Bencher paddles, and sure amigo, you have a winner...
So spend all the time needed to make everyone know you are N5ESE, and after a few years time N5FC will not be associated with you anymore.
Believe me, no one remembers C02DL nowadays, although the call was re-issued to the son of a good friend a few years ago.

72 and DX

Hope to work you on 30 meters soon

YOur friend in Havana

Arnie Coro

C02KK

not C02KKK !!! (something that happens if you don't leave enough space between the station ID and the break K !!!

----- Original Message -----

From: "Monty N5ESE" <n5fc@io.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Tuesday, January 07, 2003 5:58 PM

Subject: The Demise of N5FC

>

> I thought I should announce this since many of you visit my QRP web page,
> and might be confused.

>

> After 25 years with the FCC-issued call N5FC, I have relinquished that call

> and adopted 'N5ESE' via the Vanity Call system. I have always been
> extremely pleased to be N5FC, and I often thought I would only give it up
> for 'AE5E' or 'N5EE' (the shortest US call signs, both of which are
> currently held by someone else). But around mid-December, while operating
> portable in McKinney Falls State Park, I worked Lloyd, K3ESE, in Maryland,
> a fellow QRP'er. We had a long QSO, K1 to K1, and discussed lotsa QRP

> stuff, including the K1 and Rock-Mite. But the thing that was most
> memorable was the fun I had sending his call in CW, again and again: dit
> dididit dit. When I got home, I got on the web and researched N5ESE, and
> low-and-behold, surprises-of-surprises, it was available! I agonized for
> about two days before finally deciding I really wanted that call.
>
> I was more than a little reluctant to give up a good CW 1x2 call, even for
> one with such a recognizable rythm, but I felt a lot better about it when
> I counted up the timing bits. Turns out N5FC is 25% longer than N5ESE (45
> bits as opposed to 35 bits). That clinched it, and I applied for and have
> now been issued N5ESE.
>
> I figure if worse comes to worst, I have two years to change my mind, and
> re-claim N5FC before somebody else grabs it. But I really don't think
> that's gonna happen. I really think I'm gonna love this call.
>
> There is much fallout from a decision like this: QSL Cards, new log book,
> namebadges, call-lists, equipment IDs, many web pages to revise, QST and
> e-mail changes... hmmm, maybe this wasn't such a great idea after all.
For
> the moment, however, e-mail and web page addresses remain the same.
>
> 73,
> monty
>
>
>
> *****
> Monty Northrup, N5ESE (ex-N5FC) Austin, TX
> e-mail: n5fc@io.com or maddog@io.com
> web (ham): http://www.io.com/~n5fc/
> web (home): http://www.io.com/~maddog/
> *****
>
>

Date: Wed, 08 Jan 2003 00:32:35 -0500
From: JD Delancy <W1JD@drix.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144284] Re: Most Expensive Ham License :-)
Message-ID: <3E1BB7F3.7030209@drix.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii; format=flowed
Content-transfer-encoding: 7BIT

How about a "HOOTERS" one? <http://www.drix.net/~w3smd/images/2003hooters.jpg>

Paul Womble wrote:

> I'd prefer the Bad Girls of Ham Radio.

>

> K4FB

>

> Michael McCarty wrote:

>

>

>>I'm sure there's a 2003 Bad Boys of Ham Radio Calendar out there somewhere.

>>

>

>

>

Date: Wed, 8 Jan 2003 00:05:14 -0600

From: "Rob Matherly" <w0jrm@arrl.net>

To: <W1JD@drix.net>,

"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [144285] Re: Most Expensive Ham License :-)

Message-ID: <001001c2b6dc\$60bf3800\$be11a541@jimrob>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

> How about a "HOOTERS" one?

><http://www.drix.net/~w3smd/images/2003hooters.jpg>

Okay, raise your hand if your bit on that....

!!!!,

|

--

72/73/oo - Rob, w0jrm - w0jrm@arrl.net

ARRL, FPQRP -330, SOC #497, QRPp-I #19, IAQRP #143, ARS #1143

<http://www.qsl.net/w0jrm>

Date: Wed, 8 Jan 2003 0:10:32 -0600

From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>,
"Ten-Tec Relector" <tentec@contesting.com>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [144286] FOR SALE--Ten Tec OMNI VI+
Message-ID: <41200313861032878@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Have decided to part with my Ten Tec OMNI VI+ rig. This is the genuine article from the ground up--the model 564. It is in pristine condition and was completely tuned up and tweaked at Ten Tec recently. There is not a mark on the radio that I can see. In fact Ten Tec installed a new top and new trim on the front panel. The rig is therefore electrically and physically excellent.

This OMNI VI+ is fully loaded with CW filters in both IFs. It also also has the 1.8 filter installed. Will include the matching model 962 power supply/speaker. Will also include the 705 desk microphone.

Rig will be shipped to you in original Ten-Tec factory cartons. Have all documentation including original purchase orders and of course the recent tuneup at Ten-Tec.

Reason for selling?--simple = to pay medical bills. So if you have been thinking about obtaining one of these tremendous rigs, here's your chance.

Price is only \$1900.00 *including* shipping/insurance to your CONUS address. Ten-Tec is asking over \$2600.00 for this exact same setup, plus shipping. If interested please let me know. Thanks.

73,
--Doc/K0EVZ

Date: Wed, 08 Jan 2003 06:15:56 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: w0jrm@arrl.net, qrp-l@Lehigh.EDU
Subject: [144287] Re: Most Expensive Ham License :-)

Message-ID: <F168XBNXR9WsuasJWi300014523@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Ummmmm no comment!!!

72 es oo

Dennis - WB0WAO

NJQRP #329 - FPQRP #-347 - SOC #499
GACW #622 - ARS #1363 - QRP Canada #248
FISTS # 9299
Charter Member - Michigan DX Association
:=)

Rob wrote:
>Okay, raise your hand if your bit on that....
>

The new MSN 8: smart spam protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Wed, 8 Jan 2003 05:30:35 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@lehigh.edu>
Subject: [144288] QRP Contest Calendar 2003 Last Call
Message-ID: <001b01c2b700\$fb5415b0\$83635cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Just a small reminder that the last day to order any QRP Contest Calendars in Jan. 15, 2002. This is only 7 days away. After this date there will be no order taken.

Check out www.n3epa.org for more details on the QRP Contest Calendar.

I would like to thank all those QRP'ers out there that did purchase a calendar.

72 & Good DX
Ron de WB3AAL
wb3aal@fast.net
www.n3epa.org

Date: Wed, 8 Jan 2003 06:29:57 -0500
From: "Ron Polityka" <wb3aal@fast.net>
To: ". QRP-L" <qrp-l@lehigh.edu>
Subject: [144289] Kenwood TS-940S Question
Message-ID: <003701c2b709\$46a062a0\$83635cd1@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

Anyone out there own a Kenwood TS-940S rig?

If so, give me a private e-mail.

Thanks,
72 & Good DX
Ron de WB3AAL
wb3aal@fast.net
www.n3epa.org

Date: Wed, 08 Jan 2003 09:09:15 -0500
From: "William Nichols" <william.nichols@epa.state.oh.us>
To: <qrp-l@Lehigh.EDU>
Subject: [144290] UNSUBSCRIBE
Message-ID: <se1beacc.014@mail>

Date: Wed, 8 Jan 2003 09:58:46 -0500

From: brewerj@squared.com
To: qrp-1@lehigh.edu
Subject: [144291] Heath QRP wattmeter (HM9???)
Message-ID: <0F32358BA0.09D6EE0F-0N85256CA8.0052286C@CIS.SQUARED.COM>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

I'm looking for information on the Heath QRP wattmeter that matched the HW9.
Can anyone tell me what the power range(s) is/(are)? Any opinions as to
its usability?

Thanks in advance
John

PS: Oh...and what would be a fair price to pay for one in good condition?

Date: Wed, 08 Jan 2003 10:25:02 -0500
From: W2AGN <w2agn@w2agn.net>
To: brewerj@squared.com,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144292] Re: Heath QRP wattmeter (HM9???)
Message-ID: <3E1BFC7E.8002.150CCBA1@localhost>
MIME-version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-description: Mail message body

On 8 Jan 2003 at 9:58, brewerj@squared.com wrote:

> I'm looking for information on the Heath QRP wattmeter that matched the HW9.
> Can anyone tell me what the power range(s) is/(are)? Any opinions as to
> its usability?
>
> Thanks in advance
> John
>
> PS: Oh...and what would be a fair price to pay for one in good
condition?
>
>
>

Power Ranges are 5 and 50 watts. Not really a highly calibrated
instrument, but is still quite useful. (The meter is quite small).

Fair price around \$25.00 depending on condition.

+---+---+---+---+ John L. Sielke
|W||2||A||G||N| http://www.w2agn.net [UPDATED]
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

Date: Wed, 8 Jan 2003 08:55:56 -0700
From: William R Colbert <w5xe@juno.com>
To: brewerj@squared.com, qrp-1@lehigh.edu
Subject: [144293] Re: Heath QRP wattmeter (HM9???)
Message-ID: <20030108.085557.-263889.0.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ranges are 0-5 watts and 0-50 watts, switchable.
I use it with my qrp'd hw16 and it reads as well as
the OHR WM-2. I find it a very useful and good
wattmeter. Have used it on trips to Belize where
its flat shape is easier to pack.

If you have a chance to pick up one, you would
not be disappointed.

73

Ray

So much to absorb, so little sponge!
Ray Colbert, W5XE, 00TC#3618, SOWP#1064M
NARTE-NCT2R QRP-ARCI 5784
El Paso, (FAR WEST) TEXAS

Date: Wed, 8 Jan 2003 11:31:19 -0500
From: "Joe W2KJ" <w2kj@bellsouth.net>
To: "qrp-1" <qrp-1@lehigh.edu>
Subject: [144294] F.S. FT690RII 6 meter QRP transceiver
Message-ID: <003f01c2b733\$5fe73c00\$220110ac@gateway.2wire.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Howdy Gang:

I have for sale one each FT690IIR 6M QRP transceiver. This is a portable all-mode SSB/CW/FM transceiver that can operate as a 2.5W radio or put out 10W with its clip-on power amplifier. The radio comes with microphone, carrying case, battery case with nicads, clip-on power amplifier, whip antenna, mobile mounting bracket and charger wall-wart.

Will include in this package a spare 10W clip-on power amplifier all for \$295.00 plus shipping.

73, Joe W2KJ
North Carolina

Date: Thu, 9 Jan 2003 00:50:34 -0500
From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [144295] ZB2FK 28010
Message-ID: <000901c2b7a3\$070deaa0\$aa634342@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello !!

Worked Ernie , ZB2FK with 5 w from a TT Omni D to a Cushcraft AR 10 ringo up 25 ft

73s

George Osier , N2JNZ

Date: Wed, 8 Jan 2003 11:03:28 -0800 (PST)
From: Patrick Gardella <pgardella@yahoo.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [144296] Olimex PCBs - Any experience?
Message-ID: <20030108190328.83352.qmail@web40902.mail.yahoo.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Has anyone done any business with Olimex on getting proto PCBs done?
They charge \$26 per PCB for a single sided board.

I enjoy doing homebrew, but not making the PCBs themselves (so I do
a mainly non-pcb work).

<http://www.olimex.com/pcb/index.html>

73,
Patrick N3EO

Do you Yahoo!?
Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
<http://mailplus.yahoo.com>

Date: Wed, 8 Jan 2003 13:54:42 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144297] Re: Olimex PCBs - Any experience?
Message-ID: <200301082045.0AA13166@steel.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

On Wed, 08 Jan 2003 11:03:28 -0800 (PST), Patrick Gardella=
wrote:
>Has anyone done any business with Olimex on getting proto PCBs=
done?
> They charge \$26 per PCB for a single sided board.
>
>I enjoy doing homebrew, but not making the PCBs themselves (so I=
do
>a mainly non-pcb work).
>
><http://www.olimex.com/pcb/index.html>

I have purchased from Olimex twice and was very satisfied both=
times. Once
was for some microcontroller prototyping boards they offer and=
the other time
was for some double-sided PCBs. They respond to emails very well=
and in both

cases my orders arrived via airmail almost to the day of when= they said to expect them.

Tim, N9PUZ
<http://www.qsl.net/n9puz>

Date: Wed, 8 Jan 2003 14:57:18 -0500
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: <brewerj@squared.com>
Subject: [144298] Re: Heath QRP wattmeter (HM9???)
Message-ID: <004b01c2b750\$6a3637c0\$010044c0@chartermi.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A fair price for a QRP wattmeter with similar capabilities might be \$25 or so, but the going price for an HM-9 is likely to make you gasp.

72/73 de WB8RCR <http://www.qsl.net/wb8rcr>
didileydadidah QRP-L #1446 Code Warriors #35

----- Original Message -----
From: "W2AGN" <w2agn@w2agn.net>
Subject: Re: Heath QRP wattmeter (HM9???)

> Fair price around \$25.00 depending on condition.

Date: Wed, 08 Jan 2003 14:12:33 -0600
From: KD5NWA <KD5NWA@cbayona.com>
To: qrp-l@lehigh.edu
Subject: [144299] Type 7 cores
Message-ID: <5.2.0.9.0.20030108140531.00a86380@mail.arkansasusa.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I have noticed that almost all projects for HF use type 2 (Red) or type 6 (Yellow) cores, but type 7 (white) which has a 3MHz to 35Mhz range and is more stable than the types 2 or 6 and is very similar in Q factor is

almost never used.

My question is am I missing something here? Why don't they use type 7 in oscillators or any place where you need good stability?

Cecil
KD5NWA

Date: Wed, 08 Jan 2003 15:29:54 -0500
From: David Hinerman <WD8CIV@worldnet.att.net>
To: qrp-l@lehigh.edu
Subject: [144300] Re: Type 7 cores
Message-ID: <5.1.1.6.1.20030108152523.00b1d658@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 02:12 PM 1/8/2003 -0600, you wrote:

>I have noticed that almost all projects for HF use type 2 (Red) or type 6
>(Yellow) cores, but type 7 (white) which has a 3MHz to 35Mhz range and is
>more stable than the types 2 or 6 and is very similar in Q factor is
>almost never used.
>My question is am I missing something here? Why don't they use type 7 in
>oscillators or any place where you need good stability?

Cecil,

They do. Check Jim Kortge's 2N2/40 design at <<http://www.qsl.net/k8iqy/>>. It uses a T50-7 core as the VFO inductor.

I think you see type 2 or 6 more often because they're a little more readily available, and they're "good enough" for most people's needs.

Dave

Dave Hinerman
WD8CIV@att.net

Date: Wed, 8 Jan 2003 16:09:17 -0500
From: Michael Babineau <michael.babineau@sympatico.ca>
To: qrp-l@lehigh.edu
Subject: [144301] Gell Cell Questions
Message-ID: <72F646BD-234D-11D7-A612-00039309268A@sympatico.ca>

Mime-Version: 1.0 (Apple Message framework v551)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

Folks :

I have a couple of questions for you gel cell experts out there.

What percentage of usable capacity can I count on from a new gel cell?
(ie if I have a 18Ah cell how much of this capacity can I count on
using before having to recharge the cell?) I'm assuming that this
number is somewhat less than 100% therefore my usable capacity is
somewhat less than 18Ah.

Also, Is there a rule of thumb with regards to the maximum current for a
given gel cell capacity?

I'm trying to figure out what size of gel cell battery I should be
using to
power my various rigs for Sunday outings, Field Day etc.

Thanks in advance,

Michael VE3WMB

Date: Wed, 8 Jan 2003 14:36:59 -0700 (MST)
From: Brian Mileschosky <n5zgt@swcp.com>
To: Michael Babineau <michael.babineau@sympatico.ca>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [144302] Re: Gell Cell Questions
Message-ID: <Pine.GS0.4.10.10301081435340.13762-1000000@inago.swcp.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

All,

I echo Michael's questions below...please post your replies to the
list please. I am looking to get a few batteries for myself to use for
Field Day, and also as emergency backup if needed for the VHF/UHF mobile
and HF station. Trying to decide if gel cell is the way to go (if one
with such capacity exists) or deep-cycle (not sure how to care for these).

73,
Brian, N5ZGT

On Wed, 8 Jan 2003, Michael Babineau wrote:

> Folks :
>
> I have a couple of questions for you gel cell experts out there.
>
> What percentage of usable capacity can I count on from a new gel cell?
> (ie if I have a 18Ah cell how much of this capacity can I count on
> using before having to recharge the cell?) I'm assuming that this
> number is somewhat less than 100% therefore my usable capacity is
> somewhat less than 18Ah.
>
> Also, Is there a rule of thumb with regards to the maximum current for a
> given gel cell capacity?
>
> I'm trying to figure out what size of gel cell battery I should be
> using to
> power my various rigs for Sunday outings, Field Day etc.
>
> Thanks in advance,
>
> Michael VE3WMB
>
>
>
>
>

Amateur Radio Station N5ZGT - N5ZGT PBBS, 145.01 MHz
ARRL Life Member, NorCal #1700 QRP-L #580 AK/QRP #125

Boy Scouts of America - Eagle Scout 12/6/96 - ASM, Troop 85
Vigil Honor Member, O.A. Lodge 66 Yah-Tah-Hey-Si-Kess

Please visit my site at <http://www.unm.edu/~brianm>

Date: Wed, 8 Jan 2003 16:58:35 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: <KD5NWA@cbayona.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [144303] Re: Type 7 cores
Message-ID: <002301c2b761\$1aea5230\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hello Cecil,

I've been selling the "common" QRP related toroids for about two years now and only twice have I received requests for type 7. I'd stock them if there was a greater demand, For most applications, type 6 will do the job.

If I were to receive lots of email requesting typer 7 generated from THIS email, I'll stock the size 37 and/or 50.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----
From: "KD5NWA" <KD5NWA@cbayona.com>

I have noticed that almost all projects for HF use type 2 (Red) or type 6 (Yellow) cores, but type 7 (white) which has a 3MHz to 35Mhz range and is more stable than the types 2 or 6 and is very similar in Q factor is almost never used.

My question is am I missing something here? Why don't they use type 7 in oscillators or any place where you need good stability?

Cecil
KD5NWA

Date: Wed, 08 Jan 2003 14:09:36 -0800
From: Scott Gregson <emtech@steadynet.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [144304] Flyback xformers
Message-ID: <3E1CA1A0.9000709@steadynet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Please reply to this off-list (directly to me) as it is not QRP related.

I have an intermittant noise on a television. It is similar to the noise that comes from a flyback xformer except its pitch is really high.

There seems to be some correlation between the strength and quality of the signal and the volume of the noise. The noise does not come through the audio circuit (disconnected speaker does not stop noise). The noise doe 'seem' to originate in the locality of the xformer.

Does this sound like the flyback xformer making a mechanical noise?

Hmm, maybe this is acedemic anyway - the replacement xformer costs \$66 from MCM - that's almost a new TV with more features.

Date: Wed, 8 Jan 2003 15:22:53 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: brewerj@squared.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144305] Re: Heath QRP wattmeter (HM9???)
Message-ID: <Pine.LNX.4.44.0301081518080.1993-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi John, I'm using an MFJ tuner with the cross needle SWR and power meter. Mine is the Deluxe Versa Tuner 11 and I use it with all my QRP rigs and in the low power range the forward power of 5 watts is about 60% of full scale. I found the power reading to be quite accurate, like + or minus 10% for 5 watts.

On Wed, 8 Jan 2003 brewerj@squared.com wrote:

> I'm looking for information on the Heath QRP wattmeter that matched the HW9.
> Can anyone tell me what the power range(s) is/(are)? Any opinions as to
> its usability?
>
> Thanks in advance
> John
>
> PS: Oh...and what would be a fair price to pay for one in good condition?
>
>
>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Wed, 8 Jan 2003 17:35:15 -0500
From: "John Huffman" <hjohnc@core.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144306] January Spartan Sprint Results
Message-ID: <005a01c2b766\$8d40b310\$413d5dd8@jhuffmanlt>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Results of the January 2003 Spartan Sprint

The January Sprint participation was up a couple of logs at 63 logs. There was lots of activity on 80, 40, and 20. But, not much was heard on the higher bands.

Crowding on 40 meters where most of the activity took place was a problem. In the Soapbox comments, several suggested spreading out as a way to avoid the congestion. Between our contest, SSB stations, and regular QSOs the area from 7.038 to 7.045 can't hold it all.

Once again, the top five Skinny finishers missed out on eighty meters. Now, if there just was an eighty meter Rock Mite.

The top three overall scores were all Tubbies, but WD7Z manages to slip into fourth with a lightweight rig.

The winner is -

Brian K7RE won the Skinny Division with a stripped down K1. Most of his contacts were on forty meters. He even found time for some non-contest QSOs on eighty.

Second Skinny again this month was Jerry N4EO who had the lightest rig in the competition at .47 pounds. Jerry's Rock Mite managed 20 contacts. Third was Paul W7PA also with a Rock Mite and 15 contacts.

For the Tubbies, we have a tie! Dave NJ4X was king of the west and Bob N4BP was king of the east. Each posted 84 contacts with Dave on four bands and Bob on two. Bob was last month's Skinny winner and this month's Tubbie winner. It must have been the Christmas cookies. Tom K3TW took third overall with 66 contacts.

Band by Band -

The band by band totals were almost exactly the same as last month. January posted 252 contacts on eighty, 925 on forty, 358 on twenty and 11 on fifteen. Again, nothing was reported on ten.

AF4LQ led eighty with 26 contacts in an eighty-only effort.

N4BP led forty with 66 contacts.

K3TW led twenty with 29 contacts.

And, KH6B, as always, was the king of fifteen with 6.

December Late Logs:

Tom K3TW submitted a December log with 69 contacts spread across 80, 40, and 20. Tom had an excellent score with his tubby.

Other:

Each contact received one point. If you didn't tell us the weight of your station, or if your station weighed more than the living room sofa, we assigned a weight of 30 pounds.

The soapbox is published separately in the January issue of The ARS Sojourner which comes out mid-month. Don't miss it!

<http://www.natworld.com/ars>

We hope everyone had a good time. See you in February!

THE SKINNY DIVISION (results sorted in the order of points per pound)

Call	80M	40M	20M	15M	10M	Points	Weight	Points
Per Pound								
K7RE	0	44	8	0	0	52	1.1	47.27
N4EO	0	20	0	0	0	20	0.47	42.55
W7PA	0	15	0	0	0	15	0.5	30
WD7Z	0	39	19	0	0	58	2.1	27.62
KCOW	0	0	21	0	0	21	1.1	19.09
W7PUA	7	11	15	0	0	33	1.9	17.37
K3ESE	0	34	2	0	0	36	2.3	15.65
AE6N	0	20	11	0	0	31	2.6	11.92
WB6HQB	2	13	17	0	0	32	2.8	11.43
WB8RTJ	0	15	11	0	0	26	2.4	10.83

KH6B	0	4	18	6	0	28	3.5	8
WJ9B	11	35	1	0	0	47	6	7.83
KI0II	7	11	8	0	0	26	3.5	7.43
N7RVD	8	9	19	0	0	36	5	7.2
N4HAY	0	18	0	0	0	18	3	6
KK3B	0	14	1	1	0	16	3.25	4.92
WD7Y	0	32	0	0	0	32	7	4.57
AC7QT	0	6	5	0	0	11	3	3.67
W1PID	5	6	0	0	0	11	3.2	3.44
K6PZB	0	14	2	0	0	16	5	3.2
K50T	0	16	2	0	0	18	5.7	3.16
W2BVH	16	3	3	0	0	22	7	3.14
W3ANX	10	1	9	0	0	20	7	2.86
N4BP	0	66	18	0	0	84	30	2.8
NJ4X	24	48	9	3	0	84	30	2.8
W1ZZL	0	11	0	0	0	11	4	2.75
KW4JS	4	10	4	0	0	18	7	2.57
N8WE	0	0	6	0	0	6	2.36	2.54
N3AO	3	11	1	0	0	15	6	2.5
WA7LNW	2	55	0	0	0	57	25	2.28
K3TW	14	23	29	0	0	66	30	2.2
K3NY	0	9	5	0	0	14	7	2
KL7FDQ	10	2	1	0	0	13	6.7	1.94
AF4LQ	26	0	0	0	0	26	15	1.73

W7GA	6	18	9	0	0	33	20	1.65
K8FF	0	40	0	0	0	40	25	1.6
N4DMI	0	10	1	0	0	11	7	1.57
K7TQ	0	22	22	0	0	44	30	1.47
N7LT	10	18	16	0	0	44	30	1.47
N9WW	3	5	0	0	0	8	5.5	1.45
WY1W	14	26	1	0	0	41	30	1.37
K5JHP	0	9	0	0	0	9	7	1.29
W0UFO	7	23	8	0	0	38	30	1.27
W7WIK	8	23	7	0	0	38	30	1.27
AD6YU	0	0	1	0	0	1	0.82	1.22
N7MFB	4	16	16	0	0	36	30	1.2
NG7Z	4	30	1	0	0	35	30	1.17
WA4SQM	1	1	1	0	0	3	3.1	0.97
K8HJ	17	10	0	0	0	27	30	0.9
W0CH	6	11	6	0	0	23	30	0.77
K6III	0	10	0	0	0	10	15	0.67
KL7RHJ	0	2	7	1	0	10	16	0.62
K4BX	0	10	5	0	0	15	30	0.5
K8KFJ	10	4	0	0	0	14	30	0.47
AL7FS	0	0	3	0	0	3	8	0.38
W3TW	7	3	1	0	0	11	30	0.37
AB4VF	2	6	1	0	0	9	30	0.3
AB6QR	0	0	6	0	0	6	30	0.2

K1CGZ	2	4	0	0	0	6	30	0.2
VE6AAN	1	4	0	0	0	5	30	0.17
K9IUA	0	3	0	0	0	3	30	0.1
K3AS	1	1	1	0	0	3	30	0.1
K04WX	0	1	0	0	0	1	30	0.03

THE TUBBY DIVISION (results sorted in the order of points)

Call	80M	40M	20M	15M	10M	Points
N4BP	0	66	18	0	0	84
NJ4X	24	48	9	3	0	84
K3TW	14	23	29	0	0	66
WD7Z	0	39	19	0	0	58
WA7LNU	2	55	0	0	0	57
K7RE	0	44	8	0	0	52
WJ9B	11	35	1	0	0	47
K7TQ	0	22	22	0	0	44
N7LT	10	18	16	0	0	44
WY1W	14	26	1	0	0	41
K8FF	0	40	0	0	0	40
W0UFO	7	23	8	0	0	38
W7WIK	8	23	7	0	0	38
N7RVD	8	9	19	0	0	36
N7MFB	4	16	16	0	0	36
K3ESE	0	34	2	0	0	36
NG7Z	4	30	1	0	0	35
W7GA	6	18	9	0	0	33
W7PUA	7	11	15	0	0	33
WD7Y	0	32	0	0	0	32
WB6HQQ	2	13	17	0	0	32
AE6N	0	20	11	0	0	31
KH6B	0	4	18	6	0	28
K8HJ	17	10	0	0	0	27
AF4LQ	26	0	0	0	0	26
WB8RTJ	0	15	11	0	0	26
KI0II	7	11	8	0	0	26
W0CH	6	11	6	0	0	23
W2BVH	16	3	3	0	0	22
KC0W	0	0	21	0	0	21
N4EO	0	20	0	0	0	20
W3ANX	10	1	9	0	0	20
KW4JS	4	10	4	0	0	18

K50T	0	16	2	0	0	18
N4HAY	0	18	0	0	0	18
K6PZB	0	14	2	0	0	16
KK3B	0	14	1	1	0	16
N3AO	3	11	1	0	0	15
K4BX	0	10	5	0	0	15
W7PA	0	15	0	0	0	15
K3NY	0	9	5	0	0	14
K8KFJ	10	4	0	0	0	14
KL7FDQ	10	2	1	0	0	13
W3TW	7	3	1	0	0	11
N4DMI	0	10	1	0	0	11
W1PID	5	6	0	0	0	11
AC7QT	0	6	5	0	0	11
W1ZZL	0	11	0	0	0	11
K6III	0	10	0	0	0	10
KL7RHJ	0	2	7	1	0	10
K5JHP	0	9	0	0	0	9
AB4VF	2	6	1	0	0	9
N9WW	3	5	0	0	0	8
N8WE	0	0	6	0	0	6
AB6QR	0	0	6	0	0	6
K1CGZ	2	4	0	0	0	6
VE6AAN	1	4	0	0	0	5
K9IUA	0	3	0	0	0	3
WA4SQM	1	1	1	0	0	3
K3AS	1	1	1	0	0	3
AL7FS	0	0	3	0	0	3
K04WX	0	1	0	0	0	1
AD6YU	0	0	1	0	0	1

Date: Wed, 8 Jan 2003 16:52:06 -0600
 From: "Dave Sjolin" <sjolin@swbell.net>
 To: "Qrp-l Reflector" <qrp-l@Lehigh.EDU>
 Subject: [144307] test - do not read
 Message-ID: <005101c2b768\$927220b0\$78d1fea9@DaveSjolin>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Email problem. Sorry.

Date: Wed, 8 Jan 2003 17:54:17 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: <qrp-l@Lehigh.EDU>
Subject: [144308] Re: Type 7 cores
Message-ID: <006601c2b768\$e03b4e20\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

You can review the temperature stability
for common toroid types here...and the PIG FAT
coating on my toroids is very low cholesterol.

<http://www.kitsandparts.com/ptoroids.html>

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----
From: "Lee Mairs" <lmairs@direcway.com>

I believe the Type 7 cores are more stable at the VFO frequencies below 5
MHz. I would have like to order my last batch from Diz since they would
come covered with pig fat (better for slipping in a call during a DX pile
up). but he didn't carry them.

73 de Lee
km4yy

Date: Wed, 8 Jan 2003 15:41:00 -0700 (MST)
From: "Karl F. Larsen" <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [144309] FOX: Solar numbers
Message-ID: <Pine.LNX.4.44.0301081524270.2029-100000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here is the latest numbers and they are just GREAT!

SFI:174 frm 163 A:6 frm 8 K:1 frm 2 (5 nT) 2100 08 Jan
Frcst: SWX next 24h:minor: R1
Obs: SWX last 24h:minor: R1

Flare: 6h hi:C2(1530Z Jan08) 24h hi:M3(2330Z Jan07)

SSN: 199 (07 Jan 2003)
Au: 6
S Wind: 279 km/s @ 7.0 protons/cm3

Global HF Propagation Conditions
for 2000Z on 08 Jan, 2003
Low Latitude: Normal
Mid Latitude: Normal
Hi Latitude: Fair-Normal

If nothing much happens this will be the best conditions since
the beginning of the Fox Hunts. So pray to the propagation Gods!

--

- Karl Larsen k5di Las Cruces,NM Az ScQRPions -

Date: Wed, 8 Jan 2003 17:54:02 -0500
From: "Alan Fryer" <N3BJ@hotmail.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [144310] FOX: N3BJ Tomorrow Nite
Message-ID: <0E42wrblZz02H67yRLV0001082f@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K9DC and I will be the Foxes tomorrow nite (local time). I'll be using K2
#78 as usual and the mountain dipoles. I have not been in touch with K9DC,
so I will plan on being on 7040 or so, listening up 1 or 2 as long as the
pile lasts. When it slows down I will be listening +/- a tad and on my
frequency, also. I have a very quiet QTH and hear well, so give it a shot,
even if you feel your setup is marginal. I'd really like to best my total
of 140 Qs in the first Hunt and will need your help to do it.

Point your antennas toward Roanoke, VA and good luck to all !

May the Flux be with you...

Alan, N3BJ
Bent Mountain, VA

Date: Wed, 8 Jan 2003 15:07:03 -0800
From: "N4LGH" <n4lgh@waveguide.us>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [144311] RE: Type 7 cores
Message-ID: <GNEOLGDJD0PEALHJMKLCMEBPdFAA.n4lgh@waveguide.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

The #7 material is also considerably 'newer' than the 2 and 6 materials.

I have successfully converted several VFO's from the 6 to the 7 material. Usually just a turn difference. Altho the difference between coefficients may look impressive, I haven't seen much difference in operation. Blow on 'em, and you still hear the tone change.

Tracy N4LGH

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of KD5NWA
Sent: Wednesday, January 08, 2003 12:13 PM
To: Low Power Amateur Radio Discussion
Subject: Type 7 cores

I have noticed that almost all projects for HF use type 2 (Red) or type 6 (Yellow) cores, but type 7 (white) which has a 3MHz to 35Mhz range and is more stable than the types 2 or 6 and is very similar in Q factor is almost never used.

My question is am I missing something here? Why don't they use type 7 in oscillators or any place where you need good stability?

Cecil
KD5NWA

Date: Wed, 8 Jan 2003 18:16:28 -0500 (Eastern Standard Time)
From: "Pastor-kc1di" <elbc2@gwi.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [144312] D88S
Message-ID: <3E1CB14C.000003.01804@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

D88S is on 10.105 listing up 1 right now.. good signal into east coast.=0D
=0D
Give him a tray.=0D
73 Dave =0D
=20

Date: Wed, 8 Jan 2003 16:31:42 -0700
From: William R Colbert <w5xe@juno.com>
To: qrp-1@lehigh.edu
Subject: [144313] Re: Heath QRP wattmeter (HM9???)
Message-ID: <20030108.163145.-263889.13.w5xe@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

MFJ has nothing to do with the subject line!!

Date: Wed, 8 Jan 2003 17:42:20 -0600
From: Nick Kennedy <nkennedy@tcainternet.com>
To: "'KD5NWA@cbayona.com'" <KD5NWA@cbayona.com>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [144314] RE: Type 7 cores
Message-ID: <01C2B73D.4C5C4A40.nkennedy@tcainternet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Familiarity and availability, I'd say. But Dan has some type 7.

Of course even though the type 7 is better on paper, you can build a VFO with acceptable stability with a type 2 core. I'm with you though: all other things being equal, use the more stable stuff.

72--Nick, WA5BDU

> My question is am I missing something here? Why don't they use type 7 in
> oscillators or any place where you need good stability?
>
> Cecil
> KD5NWA

End of QRP-L Digest 2794

